

Messier Objects

By Messier Number

M	Object	Con	Type	Mag	Alias/Notes
M1	NGC 1952	Tau	Nebula E	8.4	M 1 Crab Nebula Supernova Remnant
M2	NGC 7089	Aqr	Globular	6.6	M 2
M3	NGC 5272	CVn	Globular	6.3	M 3
M4	NGC 6121	Sco	Globular	5.4	M 4
M5	NGC 5904	Ser	Globular	5.7	M 5
M6	NGC 6405	Sco	Open Cl 5.5 II 3 r	4.2	M 6 Butterfly Cluster Cr 341
M7	NGC 6475	Sco	Open Cl 7.0 I 3 r	3.3	M 7 Cr 354
M8	NGC 6523	Sgr	Nebula E	5	M 8 Lagoon Nebula IC 1271 LBN 25
M9	NGC 6333	Oph	Globular	7.8	M 9
M10	NGC 6254	Oph	Globular	6.6	M 10
M11	NGC 6705	Sct	Open Cl 11.0 I 2 r	5.8	M 11 Wild Duck Cluster Cr 391
M12	NGC 6218	Oph	Globular	6.1	M 12
M13	NGC 6205	Her	Globular	5.8	M 13 Great Cluster in Hercules
M14	NGC 6402	Oph	Globular	7.6	M 14
M15	NGC 7078	Peg	Globular	6.3	M 15
M16	NGC 6611	Ser	Open Cl 11.0 II 3 m n	6	M 16 Eagle Nebula Cr 375
M17	NGC 6618	Sgr	Nebula EN+OC		M 17 Omega Nebula SH2-45 LBN 60
M18	NGC 6613	Sgr	Open Cl 8.7 II 3 p n	6.9	M 18 Cr 376
M19	NGC 6273	Oph	Globular	6.8	M 19
M20	NGC 6514	Sgr	Nebula EN+OC		M 20 Trifid Nebula LBN 27
M21	NGC 6531	Sgr	Open Cl 8.0 I 3 r	5.9	M 21 Cr 363
M22	NGC 6656	Sgr	Globular	5.2	M 22
M23	NGC 6494	Sgr	Open Cl 10.0 II 2 r	5.5	M 23 Cr 356
M24	NGC 6603	Sgr	Open Cl 14.0 I 2	11.1	M 24
M25	IC 4725	Sgr	Open Cl 8.0 I 3 m	4.6	M 25 Cr 382
M26	NGC 6694	Sct	Open Cl 11.0 II 3 m	8	M 26 Cr 389
M27	NGC 6853	Vul	PI Neb 3+2	7.6	M 27 Dumbbell Nebula Henize 2-452 PK 60-3.1 PNG 60.8-3.6
M28	NGC 6626	Sgr	Globular	6.9	M 28
M29	NGC 6913	Cyg	Open Cl 9.0 II 3 m n	6.6	M 29 Cr 422
M30	NGC 7099	Cap	Globular	6.9	M 30
M31	NGC 224	And	Glxy SA(s)b	4.4	M 31 Great Nebula in Andromeda FAIR627 PGC 2557
M32	NGC 221	And	Glxy cE2	9	M 32 8ZW2 PGC 2555
M33	NGC 598	Tri	Glxy SA(s)cd	6.3	M 33 Triangulum Galaxy UGC 63 MCG 6-1-14 CGCG 517-18 CGCG 518-13 PGC 5818
M34	NGC 1039	Per	Open Cl 9.0 II 3 r	5.2	M 34 Cr 31
M35	NGC 2168	Gem	Open Cl 8.0 III 3 r	5.1	M 35 Mel 41
M36	NGC 1960	Aur	Open Cl 9.0 I 3 r	6	M 36 Cr 71
M37	NGC 2099	Aur	Open Cl 11.0 I 2 r	5.6	M 37 Cr 75
M38	NGC 1912	Aur	Open Cl 8.0 II 2 r	6.4	M 38 Cr 67
M39	NGC 7092	Cyg	Open Cl 7.0 III 2 m	4.6	M 39 Cr 438
M40	WINN 4	UMa	Unknown STAR	10.3	M 40 WINNECKE 4 KUG 2357+228
M41	NGC 2287	CMa	Open Cl 8.0 I 3 r	4.5	M 41 Cr 118
M42	NGC 1976	Ori	Nebula EN+RN		M 42 Orion Nebula LBN 974
M43	NGC 1982	Ori	Nebula E	9	M 43
M44	NGC 2632	Cnc	Open Cl 6.0 II 3 m	3.1	M 44 Praesepe Cr 189
M45	M 45	Tau	Open Cl	1.2	M 45 Pleiades ESO 193-8 FAIR1063
M46	NGC 2437	Pup	Open Cl 10.0 II 2 r	6.1	M 46 Cr 159
M47	NGC 2422	Pup	Open Cl 5.0 I 3 m	4.4	M 47 Cr 152 NGC 2478
M48	NGC 2548	Hya	Open Cl 8.0 I 3 r	5.8	M 48 Cr 179
M49	NGC 4472	Vir	Glxy E2	9.4	M 49 MCG 6-3-25 CGCG 520-31 PGC 41220
M50	NGC 2323	Mon	Open Cl 9.0 II 3 r	5.9	M 50 Cr 124
M51	NGC 5194	CVn	Glxy SA(s)bc pec	9	M 51 Whirlpool Galaxy UGC 958 MCG 3-4-33 CGCG 459-48 PGC 47404
M52	NGC 7654	Cas	Open Cl 11.0 II 2 r	6.9	M 52 Cr 455
M53	NGC 5024	Com	Globular	7.7	M 53
M54	NGC 6715	Sgr	Globular	7.7	M 54
M55	NGC 6809	Sgr	Globular	6.3	M 55
M56	NGC 6779	Lyr	Globular	8.4	M 56
M57	NGC 6720	Lyr	PI Neb 4+3	9.7	M 57 Ring Nebula PK 63+13.1 PNG 63.1+13.9
M58	NGC 4579	Vir	Glxy SAB(rs)b	9.6	M 58 UGC 811 MCG 6-3-28 CGCG 520-34 PGC 42168
M59	NGC 4621	Vir	Glxy E5	10.6	M 59 FAIR689 PGC 42628
M60	NGC 4649	Vir	Glxy E2	9.8	M 60 ESO 151-39 PGC 42831
M61	NGC 4303	Vir	Glxy SAB(rs)bc	10.2	M 61 KUG 109+322 PGC 40001

Messier Objects

By Messier Number

M	Object	Con	Type	Mag	Alias/Notes
M62	NGC 6266	Oph	Globular	6.4	M 62
M63	NGC 5055	CVn	Glxy SA(rs)bc	9.3	M 63 Sunflower Galaxy UGC 928 MCG 0-4-108 CGCG 385-91 PGC 46153
M64	NGC 4826	Com	Glxy (R)SA(rs)ab	9.4	M 64 Black-eye Galaxy CGCG 385-75 PGC 44182
M65	NGC 3623	Leo	Glxy SAB(rs)a	10.3	M 65 ESO 541-9A ARP 317 PGC 34612
M66	NGC 3627	Leo	Glxy SAB(s)b	9.7	M 66 MCG -2-3-64 VV 361 ARP 16 PGC 34695
M67	NGC 2682	Cnc	Open Cl 9.0 II 3 r	6.9	M 67 Cr 204
M68	NGC 4590	Hya	Globular	7.3	M 68
M69	NGC 6637	Sgr	Globular	7.7	M 69
M70	NGC 6681	Sgr	Globular	7.8	M 70
M71	NGC 6838	Sge	Globular	8.4	M 71
M72	NGC 6981	Aqr	Globular	9.2	M 72
M73	NGC 6994	Aqr	Open Cl 11.1 IV 1 p	8.9	M 73 Cr 426
M74	NGC 628	Psc	Glxy SA(s)c	10	M 74 CGCG 499-52 CGCG 498-80 PGC 5974
M75	NGC 6864	Sgr	Globular	8.6	M 75
M76	NGC 650	Per	PI Neb 3+6	12.2	M 76 Little Dumbbell PK 130-10.1 PNG 130.9-10.5
M77	NGC 1068	Cet	Glxy (R)SA(rs)b	9.6	M 77 KUG 13+310 PGC 10266
M78	NGC 2068	Ori	Nebula R	8.3	M 78
M79	NGC 1904	Lep	Globular	7.7	M 79
M80	NGC 6093	Sco	Globular	7.3	M 80
M81	NGC 3031	UMa	Glxy SA(s)ab	7.9	M 81 Bode's Nebula UGC 527 MCG 0-3-17 PGC 28630
M82	NGC 3034	UMa	Glxy I0 sp	9.3	M 82 UM283 PGC 28655
M83	NGC 5236	Hya	Glxy SAB(s)c	8.2	M 83 CGCG 459-49 PGC 48082
M84	NGC 4374	Vir	Glxy E1	10.1	M 84 MCG -3-4-28 VV 258 PGC 40455
M85	NGC 4382	Com	Glxy SA(s)0+ pec	9.1	M 85 ESO 352-21 MCG -6-3-28 PGC 40515
M86	NGC 4406	Vir	Glxy E3	9.8	M 86 ESO 296-7 MCG -6-3-29 IRAS 1112-3810 PGC 40653
M87	NGC 4486	Vir	Glxy E+0-1 pec	9.6	M 87 UGC 791 MCG 0-4-52 CGCG 385-43 PGC 41361
M88	NGC 4501	Com	Glxy SA(rs)b	10.4	M 88 CGCG 385-49 PGC 41517
M89	NGC 4552	Vir	Glxy E0-1	10.7	M 89 MCG -2-4-16 PGC 41968
M90	NGC 4569	Vir	Glxy SAB(rs)ab	10.3	M 90 ESO 195-35 FAIR294 IRAS 1138-5027 PGC 42089
M91	NGC 4548	Com	Glxy SB(rs)b	11	M 91 MCG -1-4-18 PGC 41934
M92	NGC 6341	Her	Globular	6.5	M 92
M93	NGC 2447	Pup	Open Cl 9.0 I 3 r	6.2	M 93 Cr 160
M94	NGC 4736	CVn	Glxy (R)SA(r)ab	9	M 94 UGC 848 MCG 0-4-79 CGCG 385-65 PGC 43495
M95	NGC 3351	Leo	Glxy SB(r)b	10.5	M 95 UGC 578 MCG 7-3-7 CGCG 536-11 IRAS 535+3933 PGC 32007
M96	NGC 3368	Leo	Glxy SAB(rs)ab	10.1	M 96 ESO 151-7 PGC 32192
M97	NGC 3587	UMa	PI Neb 3a	12	M 97 Owl Nebula PK 148+57.1 PNG 148.4+57.0
M98	NGC 4192	Com	Glxy SAB(s)ab	11	M 98 MCG -1-4-6 PGC 39028
M99	NGC 4254	Com	Glxy SA(s)c	10.4	M 99 Pin-wheel Nebula UGC 744 CGCG 501-123 4ZW39 PGC 39578
M100	NGC 4321	Com	Glxy SAB(s)bc	10.1	M 100 CGCG 501-128 CGCG 502-4 KUG 109+317 PGC 40153
M101	NGC 5457	UMa	Glxy SAB(rs)cd	8.3	M 101 UGC 1035 MCG 8-3-23 CGCG 551-18 PGC 50063
M102	NGC 5866	Dra	Glxy SA0+ sp	10.7	M 102 MCG -3-5-8 IRAS 1322-1545 PGC 53933
M103	NGC 581	Cas	Open Cl 9.0 II 2 m	7.4	M 103 Cr 14
M104	NGC 4594	Vir	Glxy SA(s)a sp	9	M 104 Sombrero Galaxy MCG 5-4-11 MK 976 CGCG 502-19 KUG 113+328B PGC 42407
M105	NGC 3379	Leo	Glxy E1	10.2	M 105 ESO 151-10 PGC 32256
M106	NGC 4258	CVn	Glxy Sb	9.1	M 106 UGC 743 CGCG 501-122 PGC 39600
M107	NGC 6171	Oph	Globular	7.8	M 107
M108	NGC 3556	UMa	Glxy SB(s)cd sp	10.7	M 108 ESO 29-26 PGC 34030
M109	NGC 3992	UMa	Glxy SB(rs)bc	10.6	M 109 UGC 691 PGC 37617
M110	NGC 205	And	Glxy E5 pec	8.9	M 110 UGC 5 MCG 0-1-21 CGCG 382-21 IRAS 5-211 KARA1 PGC 2429

Total: 110